

**4.0mm
Fixed
Lens**



NDA/ATAA
COMPLIANT PRODUCTS

5MP
at 20fps

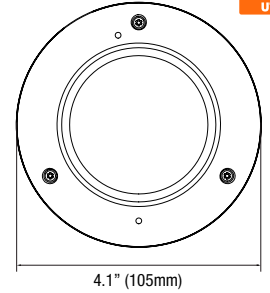
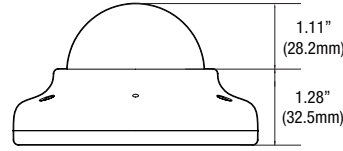


5YEAR
Warranty

Dimensions

unit: Inch (mm)

**UNIVERSAL
HD COAX**
+ utc



Summary

Featuring Star-Light Plus™ color in near-total darkness, 5MP Universal HD over Coax® cameras deliver crystal-clear color images and support HD-Analog, HD-TVI and HD-CVI. The ultra low-profile weather resistant vandal dome cameras are IP66 rated and can be controlled via the same coax cable using UTC. All DW® Universal HD over Coax® cameras are engineered to work with our VMAX® A1 Plus™ DVRs using your existing coax infrastructure.

Features

- Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI
- Star-Light™ color in near-total darkness technology
- 1/2.8" image sensor
- 5MP at 20fps, 4MP at real-time 30fps
- 4.0mm fixed lens
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- Ultra low-profile vandal dome housing
- 50' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- De-Fog™ extreme weather image compensation
- Easy icon driven OSD menu with built-in joystick
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

Specifications

Designed and engineered in U.S.A and Korea

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Active pixels	2608(H) x 1960(V)
Scanning system	Progressive scan
Frequency	60Hz / 50Hz
Signal technology	Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 5MP
Synchronization	Internal
Resolution	2592(H) x 1944(V)
Minimum scene illumination	0.16 lux (color) 0 lux (B&W)
Video output	HD-Analog and HD-TVI: 5MP/1944p @ 20fps and 12.5fps HD-Analog, HD-TVI and HD-CVI: 4MP/1440p @ 30fps
2nd video output	CVBS output for video testing
LENS	
Focal length	4.0mm
Lens type	Fixed lens
Field of view (FoV)	82°
IR distance	50ft range
OPERATIONAL	
Shutter mode	Auto
Shutter speed	1/30-1/30,000
Backlight (BLC)	Yes
Star-Light (sense-up)	Off - x32
Wide Dynamic Range (WDR)	Double shutter WDR
Wide dynamic range (WDR) dB	120dB
Smart DNR™	3D/2D DNR
3D digital noise reduction	
White balance	Yes
Day / night	Auto, day (color), night (B/W)
Mirror / flip	Yes
Auto gain control	Max 72dB
Motion detection	Yes
Privacy zones	Yes
Sharpness	Yes
Gamma	0.45
De-fog	Yes
RS485 / UTP built-in	UTC
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66 environmental-rated dust-tight and water-resistant
IK rating	IK 10-rated impact-resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V
Power consumption	DC12V(LED OFF): 2W (176mA) DC12V(LED ON): 2.69W (224mA)
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.13" x 2.38" (105 x 60.7 mm)
Weight	0.88lbs (0.4kg)

Accessories (Optional)



DWC-V7WM
Wall mount
bracket



DWC-V7JUNC
Junction box



DWC-V7DECO
5x decorative
rings



DWC-V7CM
Ceiling mount
bracket